

Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 2 of 19

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

Claim 1. (Currently Amended) An emergency services network for providing emergency services for a conforming emergency system, the emergency services network comprising:

a plurality of emergency services connected to a transport network;

a plurality of resources connected to the transport network and to the conforming emergency system, wherein at least one of the plurality of resources, ~~responsive to receiving~~ is configured to receive a retrieval key from a the conforming emergency system, ~~transmits~~ and to forward the retrieval key to the transport network; and

~~an SNR~~ a service/name resolution (SNR) system connected to the transport network, ~~the SNR system receives~~ configured to receive the retrieval key over the transport network, ~~identifies~~ to identify at least one of the emergency services ~~that corresponds~~ associated with the retrieval key, and ~~initiates the transfer of~~ to forward the retrieval key to the identified emergency services via the transport network.

Claim 2. (Currently Amended) The emergency services network of claim 1 wherein: each identified emergency service receiving the retrieval key ~~performs~~ is configured to perform a service ~~corresponding~~ associated with the retrieval key.

Claim 3. (Currently Amended) The emergency services network of claim 2 wherein:

Application No. 10/816,735

Atty. Docket No. P6254

March 23, 2006

Page 3 of 19

at least one emergency service transmits information ~~corresponding~~ associated with the retrieval key to the one resource, the SNR system, or the conforming emergency system responsive to receiving the retrieval key.

Claim 4. (Original) The emergency services network of claim 3 wherein the information comprises one of streaming video, streaming audio, graphics data, voice, text or binary data, or executable instructions or scripts.

Claim 5. (Original) The emergency services network of claim 2 wherein:

at least one emergency service initiates a notification service responsive to receiving the retrieval key.

Claim 6. (Currently Amended) The emergency services network of claim 1 wherein the SNR system is further configured to determine ~~determines~~ if the identified emergency services are available.

Claim 7. (Currently Amended) The emergency services network of claim 1 wherein the SNR system ~~initiates the transfer of~~ being configured to forward the retrieval key to the identified emergency services by comprises:

the SNR system is configured to transmit ~~transmitting~~ a message to the one resource indicating the identified emergency services via the transport network; and

Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 4 of 19

the one resource is configured to receive ~~receiving~~ the message from the SNR system, and to transmit ~~transmitting~~ queries that include the retrieval key to the identified emergency services via the transport network.

Claim 8. (Currently Amended) The emergency services network of claim 7 wherein:  
at least one of the identified emergency services is configured to be responsive ~~responds~~ to the queries by transmitting information associated ~~corresponding~~ with the retrieval key to the one resource via the transport network; and

the one resource is configured to receive ~~receives~~ the information associated ~~corresponding~~ with the retrieval key and to transmit ~~transmits~~ the information to the conforming emergency system to facilitate the conforming emergency system in handling an emergency event.

Claim 9. (Currently Amended) The emergency services network of claim 7 wherein  
at least one of the identified emergency services is configured to be responsive ~~responds~~ to the queries by transmitting information associated ~~corresponding~~ with the retrieval key to the conforming emergency system via the transport network to facilitate the conforming emergency system in handling an emergency event.

Claim 10. (Currently Amended) The emergency services network of claim 7 wherein  
one of the identified emergency services is configured to initiate ~~initiates~~ a notification service for notifying third parties of an emergency event responsive to a query.

Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 5 of 19

Claim 11. (Currently Amended) The emergency services network of claim 1 wherein the SNR system being configured to forward ~~initiates the transfer of~~ the retrieval key to the identified emergency services ~~by~~ comprises:

the SNR system is configured to transmit ~~transmitting~~ queries that include the retrieval key to the identified emergency services.

Claim 12. (Currently Amended) The emergency services network of claim 11 wherein:

at least one of the identified emergency services is configured to respond ~~responds~~ to the queries by transmitting information associated ~~corresponding~~ with the retrieval key to the SNR system via the transport network;

the SNR system is configured to receive ~~receives~~ the information corresponding with the retrieval key and to transmit ~~transmits~~ the information to the one resource via the transport network; and

the one resource is configured to receive ~~receives~~ the information associated ~~corresponding~~ with the retrieval key and to transmit ~~transmits~~ the information via the transport network to the conforming emergency system to facilitate the conforming emergency system in handling an emergency event.

Claim 13. (Currently Amended) The emergency services network of claim 11 wherein one of the identified emergency services is configured to initiate ~~initiates~~ a notification service for notifying third parties of the emergency event responsive to a query.

Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 6 of 19

Claim 14. (Original) The emergency services network of claim 11 wherein at least one of the queries to one of the identified emergency services includes an instruction to transmit information to the one resource.

Claim 15. (Currently Amended) The emergency services network of claim 14 wherein:

the one identified emergency service is configured to respond ~~responds~~ to the one query by transmitting information corresponding with the retrieval key to the one resource via the transport network; and

the one resource is configured to receive ~~receives~~ the information associated ~~corresponding~~ with the retrieval key and to transmit ~~transmits~~ the information to the conforming emergency system via the transport network to facilitate the conforming emergency system in handling an emergency event.

Claim 16. (Original) The emergency services network of claim 11 wherein at least one of the queries to one of the identified emergency services includes an instruction to transmit information to the conforming emergency system.

Claim 17. (Currently Amended) The emergency services network of claim 16 wherein:

the one identified emergency service is configured to respond ~~responds~~ to the one query by transmitting information corresponding with the retrieval key to the conforming emergency system via the transport network.

*Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 7 of 19*

Claim 18. (Currently Amended) The emergency services network of claim 1 wherein:

the SNR system is configured to receive ~~receives~~ connection data for a new emergency service to establish communications with the new emergency service.

Claim 19. (Currently Amended) The emergency services network of claim 18 wherein the connection data includes a network address in the transport network for the new emergency service.

Claim 20. (Currently Amended) The emergency services network of claim 18 wherein:

the SNR system is configured to receive ~~receives~~ a list of retrieval keys having a subscription in the new emergency service, and registers the list of retrieval keys in a database.

Claim 21. (Original) The emergency services network of claim 1 wherein the one resource comprises a response gateway.

Claim 22. (Original) The emergency services network of claim 1 wherein the conforming emergency system comprises a computer system in one of a Public Safety Answering Point (PSAP), a hospital, a police department, a fire station, a fire alarm company, a security company, an ambulance service, a state 9-1-1 coordinator, the Federal

*Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 8 of 19*

Emergency Management Agency (FEMA), the Department of Homeland Security, the National Geophysical Data Center, or the Center for Disease Control (CDC).

Claim 23. (Original) The emergency services network of claim 1 wherein the plurality of emergency services includes at least one of an ALI database, a Mobile Positioning Center (MPC), a Gateway Mobile Location Center (GMLC), an Emergency Auxiliary Service Provider (EASP), and a Voice over Internet Protocol (VoIP) server.

Claim 24. (Original) The emergency services network of claim 1 wherein the retrieval key comprises one of a telephone number, a network address, a Session Initiation Protocol (SIP) address, a trunk ID, a social security number, a street address, an employee ID, an email address, and an incident ID.

Claim 25. (Original) The emergency services network of claim 1 wherein the transport network comprises a packet network.

Claim 26. (Original) The emergency services network of claim 25 wherein the packet network comprises an Internet Protocol (IP) network.

Claim 27. (Original) The emergency services network of claim 1 wherein at least one of the emergency services receives update information pushed by the conforming emergency system.

*Application No. 10/816,735*

*Atty. Docket No. P6254*

*March 23, 2006*

*Page 9 of 19*

Claim 28. (Currently Amended) A method of operating an emergency services network for providing emergency services, the emergency services network comprising a transport network, a plurality of resources connected to the transport network, a plurality of emergency services connected to the transport network, and an SNR system connected to the a transport network, the method comprising the steps of:

receiving a retrieval key in one of the plurality of resources from a conforming emergency system (CES);

transmitting the retrieval key from the one resource to the transport network; and

receiving the retrieval key in the SNR system over the transport network, identifying at least one of the emergency services that corresponds with the retrieval key, and ~~initiating the transfer of~~ transferring the retrieval key to the identified emergency services over the transport network.

Claim 29. (Currently Amended) The method of claim 28 further comprising the step of:

performing a service associated ~~corresponding~~ with the retrieval key in each identified emergency service receiving the retrieval key.

Claim 30. (Currently Amended) The method of claim 29 further comprising the step of:

transmitting information associated ~~corresponding~~ with the retrieval key over the transport network from at least one emergency service to the one resource, the SNR system, or the conforming emergency system responsive to receiving the retrieval key.



*Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 10 of 19*

Claim 31(Canceled).

Claim 32. (Original) The method of claim 29 further comprising the step of:  
initiating a notification service responsive to receiving the retrieval key in at least one  
emergency service.

Claim 33. (Original) The method of claim 28 further comprising the step of:  
determining if the identified emergency services are available in the SNR system.

Claim 34. (Currently Amended) The method of claim 28 wherein the step of  
initiating the transfer of the retrieval key to the identified emergency services comprises:  
transmitting a message over the transport network from the SNR system to the one  
resource indicating the identified emergency services; and  
receiving the message in the one resource from the SNR system, and transmitting  
queries over the transport network that include the retrieval key to the identified emergency  
services.

Claim 35. (Currently Amended) The method of claim 34 further comprising the steps  
of:  
responding to the queries in at least one of the identified emergency services by  
transmitting information over the transport network associated e~~corresponding~~ with the  
retrieval key to the one resource; and

Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 11 of 19

receiving the information associated ~~corresponding~~ with the retrieval key in the one resource and transmitting the information over the transport network to the conforming emergency system to facilitate the conforming emergency system in handling an emergency event.

Claim 36. (Currently Amended) The method of claim 34 further comprising the step of:

responding to the queries in at least one of the identified emergency services by transmitting information over the transport network associated ~~corresponding~~ with the retrieval key to the conforming emergency system to facilitate the conforming emergency system in handling an emergency event.

Claim 37. (Original) The method of claim 34 further comprising the step of:  
initiating a notification service in one of the identified emergency services for notifying third parties of an emergency event responsive to a query.

Claim 38. (Currently Amended) The method of claim 28 wherein the step of ~~transferring initiating the transfer~~ of the retrieval key to the identified emergency services comprises:

transmitting queries over the transport network that include the retrieval key from the SNR system to the identified emergency services.

Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 12 of 19

Claim 39. (Currently Amended) The method of claim 38 further comprising the steps of:

responding to the queries in at least one of the identified emergency services by transmitting information over the transport network associated ~~corresponding~~ with the retrieval key to the SNR system;

receiving the information associated ~~corresponding~~ with the retrieval key in the SNR system and transmitting the information to the one resource over the transport network; and

receiving the information associated ~~corresponding~~ with the retrieval key in the one resource and transmitting the information over the transport network to the conforming emergency system to facilitate the conforming emergency system in handling an emergency event.

Claim 40. (Original) The method of claim 38 further comprising the step of:  
initiating a notification service in one of the identified emergency services for notifying third parties of the emergency event responsive to a query.

Claim 41. (Canceled).

Claim 42. (Currently Amended) The method of claim 41 further comprising the steps of:

responding to the ~~one~~ query in the ~~one~~ identified emergency service by transmitting information corresponding with the retrieval key to the one resource; and

*Application No. 10/816,735*

*Atty. Docket No. P6254*

*March 23, 2006*

*Page 13 of 19*

receiving the information corresponding with the retrieval key in the one resource and transmitting the information to the conforming emergency system to facilitate the conforming emergency system in handling an emergency event.

Claims 43 – 44. (Canceled).

Claim 45. (Original) The method of claim 28 further comprising the step of:  
receiving connection data for a new emergency service in the SNR system to establish communications with the new emergency service.

Claim 46. (Currently Amended) The method of claim 45 wherein receiving connection data includes receiving a network address for the new emergency service.

Claim 47. (Original) The method of claim 45 further comprising the steps of:  
receiving a list of retrieval keys having a subscription in the new emergency service; and  
registering the list of retrieval keys in a database.

Claims 48 – 53. (Canceled).

Claim 54. (Original) The method of claim 28 further comprising the step of:  
receiving update information in at least one of the emergency services pushed by the conforming emergency system.

Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 14 of 19

Claim 55. (Currently Amended) A service/name resolution (SNR) An SNR system for use in an emergency services network, said emergency services network comprising a transport network, a plurality of resources connected to the transport network and a plurality of emergency services connected to the transport network, the SNR system comprising:

a database comprising a directory correlating retrieval keys to the emergency services in the emergency services network; and

a processing system connected to the database, ~~the processing system, responsive to receiving a retrieval key, accesses~~ configured to access the database to identify at least one of a plurality of emergency services in the emergency services network that corresponds with ~~the a received~~ retrieval key, and ~~initiates the transfer of~~ configured to transfer the retrieval key to the identified emergency services via the transport network.

Claim 56. (Currently Amended) The SNR system of claim 55 wherein:

the processing system ~~accesses~~ is configured to access the database to determine if the identified emergency services are available.

Claim 57. (Currently Amended) The SNR system of claim 55 wherein the processing system ~~initiates the transfer of~~ being configured to transfer the retrieval key to the identified emergency services ~~by~~ comprises:

the processing system is configured to transmit ~~transmitting~~ a message to a resource of the emergency services network indicating the identified emergency services.

*Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 15 of 19*

Claim 58. (Currently Amended) The SNR system of claim 55 wherein the processing system ~~initiates the transfer of~~ being configured to transfer the retrieval key to the identified emergency services ~~by comprises:~~

transmitting the processing system is configured to transmit queries that include the retrieval key to the identified emergency services.

Claim 59. (Original) The SNR system of claim 58 wherein:

the processing system receives the information from at least one of the identified emergency services, and transmits the information to a resource of the emergency services network.

Claim 60. (Currently Amended) The SNR system of claim 58 wherein:

the processing system ~~receives the~~ is configured to receive information from at least one of the identified emergency services, and ~~transmits~~ is configured to transmit the information to a conforming emergency system connected to the emergency services network.

Claim 61. (Original) The SNR system of claim 58 wherein at least one of the queries includes an instruction to transmit the information to a resource of the emergency services network.

Claim 62. (Original) The SNR system of claim 58 wherein at least one of the queries includes an instruction to transmit the information to a conforming emergency system connected to the emergency services network.

*Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 16 of 19*

Claim 63. (Currently Amended) The SNR system of claim 55 wherein:  
the processing system ~~receives~~ is configured to receive connection data for a new emergency service to establish communications with the new emergency service.

Claim 64. (Original) The SNR system of claim 63 wherein connection data includes a network address for the new emergency service.

Claim 65. (Currently Amended) The SNR system of claim 63 wherein:  
the processing system ~~receives~~ is configured to receive a list of retrieval keys having a subscription in the new emergency service, and ~~registers~~ is configured to register the list of retrieval keys in the database.

Claim 66. (Original) The SNR system of claim 55 wherein the plurality of emergency services includes at least one of an ALI database, a Mobile Positioning Center (MPC), a Gateway Mobile Location Center (GMLC), an Emergency Auxiliary Service Provider (EASP), and a Voice over Internet Protocol (VoIP) server.

Claim 67. (Original) The SNR system of claim 55 wherein the retrieval key comprises one of a telephone number, a network address, a Session Initiation Protocol (SIP) address, a trunk ID, a social security number, a street address, an employee ID, an email address, and an incident ID.

Application No. 10/816,735

Atty. Docket No. P6254

March 23, 2006

Page 17 of 19

Claim 68. (Currently Amended) A method of operating an SNR system ~~for~~ in an emergency services network, said emergency services network comprises a transport network, a plurality of resources connected to the transport network and a plurality of emergency services connected to the transport network, the SNR system comprising a database having a directory that correlates retrieval keys to emergency services in the emergency services network, the method comprising the steps of:

receiving a retrieval key;

accessing the database to identify at least one of a plurality of emergency services in the emergency services network that corresponds with the retrieval key; and

initiating the transfer of the retrieval key to the identified emergency services via the transport network.

Claim 69. (Original) The method of claim 68 further comprising the step of:  
accessing the database to determine if the identified emergency services are available.

Claim 70. (Currently Amended) The method of claim 68 wherein the step of initiating the transfer of the retrieval key to the identified emergency services comprises:  
transmitting a message to a resource of the emergency services network indicating the identified emergency services via the transport network.

Claim 71. (Currently Amended) The method of claim 68 wherein the step of initiating the transfer of the retrieval key to the identified emergency services comprises:



*Application No. 10/816,735  
Atty. Docket No. P6254  
March 23, 2006  
Page 18 of 19*

transmitting queries that include the retrieval key to the identified emergency services  
via the transport network.

Claim 72. (Currently Amended) The method of claim 71 further comprising the step  
of:

receiving the information from at least one of the identified emergency services, and  
transmitting the information to a resource of the emergency services network via the  
transport network.

Claim 73. (Currently Amended) The method of claim 71 further comprising the step  
of:

receiving the information from at least one of the identified emergency services, and  
transmitting the information to a conforming emergency system connected to the emergency  
services network via the transport network.

Claim 74. (Currently Amended) The method of claim 71 wherein at least one of the  
queries includes an instruction to transmit the information to a resource of the emergency  
services network via the transport network.

Claim 75. (Currently Amended) The method of claim 71 wherein at least one of the  
queries includes an instruction to transmit the information to a conforming emergency system  
connected to the emergency services network via the transport network.

*Application No. 10/816,735*

*Atty. Docket No. P6254*

*March 23, 2006*

*Page 19 of 19*

Claim 76. (Original) The method of claim 68 further comprising the step of:  
receiving connection data for a new emergency service to establish communications  
with the new emergency service.

Claim 77. (Original) The method of claim 76 wherein connection data includes a  
network address for the new emergency service.

Claim 78. (Original) The method of claim 76 further comprising the step of:  
receiving a list of retrieval keys having a subscription in the new emergency service;  
and  
registering the list of retrieval keys in the database.

Claims 79 - 80. (Canceled).